

Notice of Allowability	Application No.	Applicant(s)	
	09/448,854	FOX ET AL.	
	Examiner	Art Unit	
	Kambiz Zand	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/31/2004.
2. ☒ The allowed claim(s) is/are 1-7, 11-20, 23-25, 46 and 48-55, now re-numbered as claims 1-29.
3. ☒ The drawings filed on 23 November 1999 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
3. Claims 8-10, 21-22, 26-45, 47 and 56-68 have been cancelled.
4. Claims 1, 11, 14, 23 and 46 have been amended.
5. Claims 1-7, 11-20, 23-25, 46 and 48-55, now re-numbered, as claims 1-29 are pending.

Response to Arguments

6. Applicant's arguments filed 08/31/04 have been fully considered and they are persuasive.

Allowable Subject Matter

7. Claims 1-7, 11-20, 23-25, 46 and 48-55 **are allowed**.

The following is an examiner's statement of reasons for allowance: Perlman et al (6,230,266 B1) teach a computer-readable medium having computer executable instructions, comprising: receiving a first transaction request in association with a first certificate issued by a certificate authority (see col.5, line

67; col.6, lines 1-4); communicating with a status authority to query for current status information on the first certificate (see col.6, lines 1-4 where OLRS is the status authority); and receiving a second certificate from the status authority indicating the current status of the first certificate (see col.6, lines 8-13 where the OLRS as an status authority on behalf of CA provide a certificate in response to the query by principal with respect to the first certificate to give the status of certificate and if it is revoked); Perlman et al (6,230,266 B1) teach a computer-readable medium having computer executable instructions, comprising: receiving a query from a relying party for current status information on a first certificate; and issuing a data structure including a second certificate indicating the current status of the first certificate (see col.5, line 67; col.6, lines 1-27); Perlman in col.6-11 and col.12, lines 1-14 disclose CA issuing a certificate; an entity or principal or a remote entity request a query with respect to the certificate (first certificate); the query is being sent to a OLRS an agent that checks on the status of the certificate on the behalf of CA, col.12, lines 3-12 describes that OLRS and CA could be the same node or entity doing the different process; the OLRS or CA if is the same node as OLRS issues a certificate (second certificate) in response to principal and transmit it to the principal giving the result of the status of the first certificate. Therefore it would have been obvious to one of ordinary skilled in the art at the time invention was made that Perlman's certification status check could be a repeated process between the two entity CA and OLRS where upon receiving the second certificate CLRS on the request of principal request a re-issue certificate (third

certificate) from CA as being thought in perlman (col.8-14 where OLRS may provide number of certificates to principal) and sending the re-issue certificate to principal by certifying the reissue certificate (fourth certificate). Therefore the question of third and fourth certificate is the question of more communications between the two entities seeking verifiable information by certifying the content of each communication between them; a repeated process that would have been obvious to one of ordinary skilled in the art with respect to Perlman's teaching. Powar (6,285,991 B1) disclose secure interactive electronic account billing system where the certificate contents may include the transaction sales and the receipt of the transactions and billing related information (see abstract; fig.2,5,7a,8a and 10-11; col.4, lines 38-67; col.5, lines 1-6).

Perlman and Powar system and methods singly or in combination are **in contrast with specific steps of applicant's invention** where receiving a third certificate with the first transaction request and the first certificate, the third certificate comprising a record of response to a status request of the first certificate at particular time **as recited in independent claim 1**; and where the first certificate having a validity period associated therewith and where issuing data structure including information specifying a validity period for a second certificate that is shorter than the validity period of the first certificate **as recited in the claim 14 and 23**; and where sending from the third party to a fourth party, the transaction, the first certificate, the second certificate and the third certificate to attempt to resell the transaction **as recited in the claim 46**.

8. **Dependent claims 2-7, 11-13, 15-20, 24-25 and 48-56** as being dependent upon Independent claims **1, 14, 23 and 46** and having additional allowable features therein.

Conclusion

9. Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "comments on statement of reasons for allowance."
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (703) 306-4169. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (703) 305-1830. The fax phone numbers for the organization where this application or proceeding is assigned is (703) 872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information

Art Unit: 2132

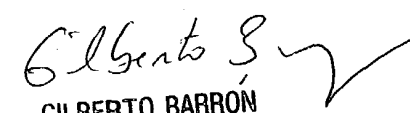
about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have

questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).


Kambiz Zand

09/22/2004


GILBERTO BARRÓN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100